

Title (en)
POWER CONSUMPTION REDUCTION WITHIN A TELECOMMUNICATION NETWORK OPERATING WITH DIFFERENT RADIO ACCESS TECHNOLOGIES

Title (de)
STROMVERBRAUCHSREDUZIERUNG INNERHALB EINES MIT VERSCHIEDENEN FUNKZUGRIFFSTECHNOLOGIEN BETRIEBENEN TELEKOMMUNIKATIONSNETZWERKS

Title (fr)
RÉDUCTION DE CONSOMMATION D'ÉNERGIE DANS UN RÉSEAU DE TÉLÉCOMMUNICATION FONCTIONNANT SELON DIFFÉRENTES TECHNOLOGIES D'ACCÈS RADIOÉLECTRIQUE

Publication
EP 2553984 A1 20130206 (EN)

Application
EP 10715138 A 20100329

Priority
EP 2010054126 W 20100329

Abstract (en)
[origin: WO2011120554A1] It is described a method for providing radio access within a specific area of a telecommunication network (100). The specific area is served by at least one first base station (110, 112) being assigned to a first RAT and by at least one second base station (120) being assigned to a second RAT. Compared to the second RAT the first RAT is a legacy RAT. The provided method comprises (a) determining the amount of radio data traffic within the specific area, (b) comparing the determined amount with a first radio data traffic capacity, which can be provided by the at least one first base station, and (c) if the first radio data traffic capacity is larger than the determined amount, (cl) transferring the at least one second base station into a predefined operational state, in which the at least one second base station has a reduced electric power consumption, and (cl) serving the specific area exclusively by the at least one first base station. It is further described a first base station and a second base station, which, in connection with each other, are adapted to carry out the described method.

IPC 8 full level
H04W 52/02 (2009.01)

CPC (source: EP US)
H04W 52/0206 (2013.01 - EP US); **H04W 24/00** (2013.01 - EP US); **H04W 36/08** (2013.01 - US); **H04W 74/00** (2013.01 - EP US); **H04W 88/06** (2013.01 - EP US); **H04W 88/08** (2013.01 - EP US); **Y02D 30/70** (2020.08 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2011120554 A1 20111006; EP 2553984 A1 20130206; US 2013143580 A1 20130606; US 8855656 B2 20141007

DOCDB simple family (application)
EP 2010054126 W 20100329; EP 10715138 A 20100329; US 201013637769 A 20100329